

**Amendments to the Claims:**

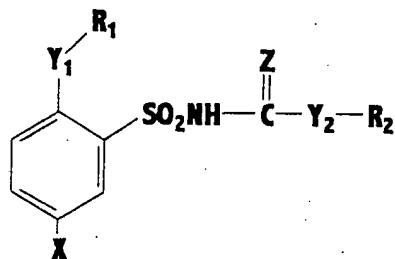
The listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

Claim 1—22 (cancelled)

Claim 23 (currently amended): Benzene-sulphonamide ~~derivatives~~ compounds having the formula (I):

(I)



in which:

X represents a nitro, cyano, or halogen group;

Y<sub>1</sub> represents a secondary or tertiary amino group, or a sulphur;

Y<sub>2</sub> represents a NH group, or a nitrogen atom ~~in a saturated or unsaturated heterocyclic group having 5 to 7 ring members;~~

Z represents oxygen, sulphur, ~~N-CN or CH-NO<sub>2</sub>~~ = N-CN or = CH-NO<sub>2</sub>; and

R<sub>1</sub> and R<sub>2</sub>, which can be identical or different, represent each independently a saturated or unsaturated ~~radio-labeled~~ linear or branched alkyl group with 2 to 12 carbon atoms, a saturated or unsaturated ~~radio-labeled~~ alicyclic group with 3 to 12 carbon atoms, an aryl group optionally substituted ~~or not~~ by one or several alkyl groups ~~in C<sub>1</sub>-C<sub>4</sub> with 1 to 4 carbon atoms~~, nitro, cyano, trifluoromethyl, carboxy and halogen groups, or an arylalkyl group

~~or R<sub>1</sub> and Y<sub>1</sub>, and/or, R<sub>2</sub> and Y<sub>2</sub> form a saturated or unsaturated heterocyclic group having 5 to 7 ring members of which at least one is oxygen or nitrogen~~ Y<sub>1</sub> represents a

tertiary amino group and forms with R<sub>1</sub> a morpholinyl or homopiperidinyl group, and Y<sub>2</sub> represents a nitrogen atom and forms with R<sub>2</sub> a homopiperidinyl group

with the exception of compounds for which X is a nitro group, Y<sub>1</sub> represents a secondary amino group (-NH-), Y<sub>2</sub> represents a NH group, Z represents an oxygen, R<sub>2</sub> represents an isopropyl and R<sub>1</sub> ~~represents an element~~ is selected from a group consisting of m-toluy, phenyl and ~~cyclooctyl~~ cyclooctyl, and with the exception of N-[(2-~~cyclooctylamino~~ cyclooctylamino-5-cyanobenzene)sulfonyl] N'-isopropyl urea.

Claim 24 (currently amended): The derivative compound according to claim 23, characterized in that X is ~~an element~~ selected from a group consisting of nitro, cyano, bromo and iodine group.

Claim 25 (currently amended): The derivative compound according to claim 23, characterized in that Y<sub>1</sub> represents a NH group and Y<sub>2</sub> represents a NH group ~~or an oxygen atom~~.

Claim 26 (currently amended): The derivative compound according to claim 23, characterized in that R<sub>1</sub> and R<sub>2</sub> represent each independently an ethyl, butyl, tert-butyl, propyl, isopropyl, pentyl, hexyl, heptyl, octyl, decyl, amyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclooctyl, cyclododecyl, 2-cyclohexenyl, m-toluy, o-toluy, p-toluy, phenyl, allyl, ~~adamantly~~ adamantyl, norbornyl, 3-carboxyphenyl, 2,3-dimehtylphenyl, 2,4-dimethylphenyl, 2,5-dimethylphenyl, 2,6-dimethylphenyl, 3,4-dimethylphenyl, 3,5-dimethylphenyl, 2,4,6-trimethylphenyl, furfuryl, benzyl or 1-phenylethyl group.

Claims 27 – 28 (cancelled)

Claim 29 (currently amended): The derivative compound according to claim 23, characterized in that it is ~~constituted by~~ a salt selected from a group consisting of sodium salts, the potassium salts or organic acid salts.

Claim 30 (currently amended): The derivative compound according to claim 29, characterized in that it is chosen in a group having:

N-[(2-cyclohexylamino-5-nitrobenzene)sulfonyl]N'-tert-butyl urea,

N-cyano-N'-[(2-cyclohexylamino metatoluylamino-5-nitrobenzene)sulfonyl]homopiperidinoamidine,

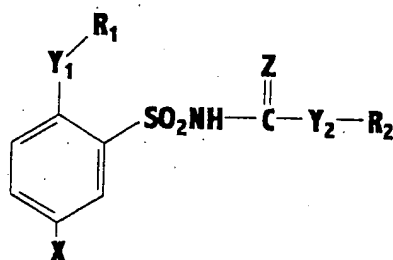
N-[(2-cyclohexylamino cycloheptylamino-5-nitrobenzene)sulfonyl]N'-cyclohexyl thiourea, and

N-[(2-cyclohexen-2-yl-5-iodobenzene)sulfonyl]N'-pentyl urea.

Claims 31 – 33 (cancelled)

Claim 34 (currently amended): Benzene-sulphonamide derivatives compounds having the formula (I):

(I)



in which:

X represents a nitro, cyano, or radio-labeled halogen group;

Y<sub>1</sub> represents a secondary or tertiary amino group, or a sulphur;

Y<sub>2</sub> represents a NH group, or a nitrogen atom ~~in a saturated or unsaturated heterocyclic group having 5 to 7 ring members;~~

Z represents oxygen, sulphur, ~~N-CN or CH-NO<sub>2</sub>~~ = N-CN or = CH-NO<sub>2</sub>; and

R<sub>1</sub> and R<sub>2</sub>, which can be identical or different, represent each independently a saturated or unsaturated radio-labeled linear or branched alkyl group with 2 to 12 carbon atoms, a saturated or unsaturated radio-labeled alicyclic group with 3 to 12 carbon atoms, an aryl group optionally substituted ~~or not~~ by one or several alkyl groups ~~in C<sub>1</sub>-C<sub>4</sub> with 1 to 4 carbon atoms~~, nitro, cyano, trifluoromethyl, carboxy and halogen groups, or an arylalkyl group

or ~~R<sub>1</sub> and Y<sub>1</sub>, and/or, R<sub>2</sub> and Y<sub>2</sub>~~ form a saturated or unsaturated heterocyclic group having 5 to 7 ring members of which at least one is oxygen or nitrogen Y<sub>1</sub> represents a tertiary amino group and forms with R<sub>1</sub> a morpholinyl or homopiperidinyl group, and Y<sub>2</sub> represents a nitrogen atom and forms with R<sub>2</sub> a homopiperidinyl group

with the exception of compounds for which X is a nitro group, Y<sub>1</sub> represents a secondary amino group (-NH-), Y<sub>2</sub> represents a NH group, Z represents an oxygen, R<sub>2</sub> represents an isopropyl and ~~R<sub>1</sub> represents an element~~ is selected from a group consisting of m-toluy, phenyl and cyclooctyl, and with the exception of N-[(2-cyclooctylamino-5-cyanobenzene)sulfonyl] N'-isopropyl urea.

Claim 35 (currently amended): The derivative compound according to claim 34, characterized in that X is ~~an element~~ selected from a group consisting of nitro, cyano, bromo and iodine group.

Claim 36 (currently amended): The derivative compound according to claim 34, characterized in that Y<sub>1</sub> represents a NH group and Y<sub>2</sub> represents a NH group ~~or an oxygen atom~~.

Claim 37 (currently amended): The derivative compound according to claim 34, characterized in that R<sub>1</sub> and R<sub>2</sub> represent each independently an ethyl, butyl, tert-butyl, propyl, isopropyl, pentyl, hexyl, heptyl, octyl, decyl, amyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, cyclooctyl, cyclododecyl, 2-cyclohexenyl, m-toluy, o-toluy, p-toluy, phenyl, allyl, ~~adamantly~~ adamantyl, norbornyl, 3-carboxyphenyl, 2,3-dimehtylphenyl, 2,4-dimethylphenyl, 2,5-dimethylphenyl, 2,6-dimethylphenyl, 3,4-dimethylphenyl, 3,5-dimethylphenyl, 2,4,6-trimethylphenyl, furfuryl, benzyl or 1-phenylethyl group.

Claims 38 – 39 (cancelled)

Claim 40 (currently amended): The derivative compound according to claim 34, characterized in that it is ~~constituted by~~ a salt selected from a group consisting of sodium salts, the potassium salts or organic acid salts.

Claim 41 (currently amended): The derivative compound according to claim 40, characterized in that it is chosen in a group having:

N-[(2-cyclohexylamino-5-nitrobenzene)sulfonyl]N'-tert-butyl urea,

N-cyano-N'-[(2-cyclohexylamino metatoluylamino-5-nitrobenzene)sulfonyl]homopiperidinoamidine,

N-[(2-cyclohexylamino cycloheptylamino-5-nitrobenzene)sulfonyl]N'-cyclohexyl thiourea, and

N-[(2-cyclohexen-2-yl-5-iodobenzene)sulfonyl]N'-pentyl urea.

Claims 42 – 44 (cancelled)